

#### ABSTRACT OF THE DISCLOSURE

Physical quantity detection equipment includes a detector, an amplifier, an offset adjustment device, an addition device, and an output device. The detector outputs the first voltage corresponding to the detected physical quantity. The amplifier amplifies the first voltage. The offset adjustment device determines a measurement range of the amplified first voltage and outputs a second voltage corresponding to the determined measurement range. The addition device subtracts the second voltage from the amplified first voltage. The output device outputs the subtracted amplified first voltage and informs the determined measurement range. The equipment has only one sensing unit for detecting both a large and a fine change in physical quantity.